Index of Claims

| Applic | ation | No. |
|--------|-------|-----|
|--------|-------|-----|

09/463,643

Examiner

Applicant(s)

NAKAMURA ET AL.

Art Unit

B. William Baumeister

2815

√ Rejected
= Allowed

\_\_\_ (Through numeral)
Cancelled

N Non-Elected

A Appeal

Restricted

Interference

O Objected

|              |                                  |  |          |  |          |          |          | - 1      |          |                 |
|--------------|----------------------------------|--|----------|--|----------|----------|----------|----------|----------|-----------------|
|              |                                  |  |          |  |          |          |          |          |          |                 |
| Cla          | L_,                              |  | _        | _[   | Date     | 2        |          |          |          |                 |
| Final        | Original                         | •  |          |  |          |          |          |          |          |                 |
|              | 1                                |  |          |  |          |          |          |          |          |                 |
|              | 1<br>2<br>3<br>4<br>5            |  |          |  |          |          |          |          |          |                 |
|              | 3                                |  |          |  |          |          |          |          |          |                 |
|              | 4                                |  |          |  |          |          |          |          |          |                 |
|              | 5                                |  |          |  |          |          |          |          |          |                 |
|              | 6                                |  |          |  |          |          |          |          |          |                 |
|              | 7<br>8                           | _  |          | _  |          |          |          |          |          | Щ               |
|              | 8                                |  |          | _  |          |          |          |          |          | $\dashv$        |
|              | 9                                |  |          |  |          |          |          |          | _        | Н               |
| ļ            | 10<br>11                         | $\vdash$   |          | $\vdash$   |          |          | _        | $\vdash$ |          | $\vdash \vdash$ |
|              | 11                               | $\vdash$   | _        |  |          | $\vdash$ | <u> </u> |          | $\vdash$ | $\vdash \vdash$ |
|              | 12                               | $\vdash$   |          | $\vdash$   |          | $\vdash$ | H        | $\vdash$ | $\vdash$ | H               |
| <u> </u>     | 12<br>13<br>14<br>15<br>16<br>17 | $\vdash$   |          | $\vdash$   |          | $\vdash$ | _        | Н        | H        | Н               |
|              | 15                               |  |          |  |          | -        | -        |          | $\vdash$ | $\dashv$        |
| <del> </del> | 16                               |  |          | $\vdash$   |          | $\vdash$ |          | -        | _        | Н               |
|              | 17                               | _  | _        | $\vdash$   |          | -        |          |          | $\vdash$ | H               |
|              | 18                               |  |          |  |          |          |          | -        | $\vdash$ |                 |
|              | 18<br>19                         | _  |          |  |          | -        | -        | _        |          | М               |
|              | 20                               | $\vdash$   | $\vdash$ | $\vdash$   | _        |          | _        | -        |          | П               |
|              | 21                               |  |          | _  | _        |          |          |          |          | П               |
|              | 22                               |  |          |  |          |          |          |          |          | П               |
|              | 21<br>22<br>23                   |  |          |  |          |          |          |          |          |                 |
|              | 24<br>25                         |  |          |  |          |          |          |          |          |                 |
|              | 25                               |  |          |  |          |          |          |          |          |                 |
|              | 26<br>27                         |  |          |  |          |          |          |          |          | Ш               |
|              | 27                               | $ldsymbol{ld}}}}}}$ |          | L  |          | _        |          |          |          | Щ               |
|              | 28                               |  | _        |  |          |          | <u> </u> |          |          | Ш               |
|              | 29                               |  |          | _  |          |          |          |          | <u>.</u> |                 |
|              | 30                               | _  |          | <u> </u>   |          | <u> </u> |          | _        | <u> </u> | $\vdash$        |
|              | 31                               |  |          | <u> </u>   |          |          | _        | _        |          | Н               |
|              | 32<br>33                         |  | -        | <u> </u>   |          | -        | -        | $\vdash$ | _        | Н               |
|              | 34                               | -  | -        | ┝  | -        | $\vdash$ | H        | $\vdash$ | $\vdash$ |                 |
| -            | 35                               | -  | -        | ├  | -        | H        | $\vdash$ | H        | -        | Н               |
|              | 36                               | -  |          |  | -        | $\vdash$ | $\vdash$ | $\vdash$ | H        | Н               |
|              | 37                               | $\vdash$   | ├-       | <del>                                     </del> | ┝        | ┝        | H        |          | H        | H               |
|              | 38                               | $\vdash$   |          | $\vdash$   |          |          | _        |          | <u> </u> | $\vdash$        |
|              | 39                               |  |          | <del>                                     </del> | $\vdash$ | $\vdash$ | Т        | $\vdash$ | T        | Н               |
|              | 40                               |  |          | $\vdash$   |          |          | _        |          | Г        | П               |
|              | 41                               |  |          |  |          |          |          |          |          | П               |
|              | 42                               |  |          |  |          |          |          |          |          |                 |
|              | 43                               |  |          |  |          |          |          |          |          |                 |
|              | 44                               |  |          |  |          |          |          |          |          |                 |
|              | 45                               |  |          |  |          |          |          |          |          |                 |
|              | 46                               | <u> </u>   | L        | L.   | L_       | L_       |          | L_       | L_       |                 |
| <u> </u>     | 47                               | <u> </u>   | <u> </u> | L_   | L_       | L_       |          |          | <u> </u> | Ш               |
|              | 48                               | <u> </u>   | <u> </u> | <u> </u>   | <u> </u> | <u> </u> | L_       | <u> </u> | <u> </u> | Щ               |
|              | 49                               |  | <u> </u> | <u> </u>   | <u> </u> | <u> </u> | <u> </u> | _        | _        | Щ               |
| L            | 50                               |  |          | <u> </u>   | L        | L_       | L        | L        |          |                 |

| Çla   | Date   |  |          |          |              |                 |          |              |              |                 |
|-------|--|--|----------|----------|--------------|-----------------|----------|--------------|--------------|-----------------|
| Final |  | 10/9/04  |          |          |              |                 |          |              |              |                 |
|       | 51   |  |          |          |              |                 |          |              |              |                 |
|       | 52   |  |          |          |              |                 |          |              |              |                 |
|       | 53   |  |          |          |              |                 |          |              |              |                 |
|       | 54   | <u> </u>   |          |          |              |                 |          |              |              |                 |
|       | 55   |  |          |          |              |                 |          |              |              |                 |
|       | 56   |  |          |          |              |                 |          |              |              |                 |
|       | 57   |  |          |          |              |                 |          |              |              |                 |
|       | 58   |  |          |          |              |                 |          |              |              |                 |
|       | 52<br>53<br>54<br>55<br>56<br>57<br>58<br>59                                     |  |          |          |              |                 |          |              |              |                 |
|       | 60   |  |          |          |              |                 |          |              |              |                 |
|       | 60<br>61   |  |          |          |              |                 |          |              |              |                 |
|       | 62   | 4  |          |          |              |                 |          |              |              |                 |
|       | 63   | 4  |          |          |              |                 |          |              |              |                 |
|       | 63<br>64<br>65   | Ш  |          |          |              |                 |          |              |              | Ш               |
|       | 65   | Ш  | <u> </u> | _        |              |                 |          |              |              | Ш               |
|       | 66<br>67   | Ш  | L.       |          |              | _               |          |              |              |                 |
|       | 67   | Ш  | L        | _        |              |                 | _        |              |              | Ш               |
|       | 68   | Ш  |          | _        | _            |                 |          |              |              | Ш               |
|       | 69.  |  | _        | _        | _            | _               |          | _            |              | $\dashv$        |
|       | 70   | Ш  | _        | _        | <u> </u>     | <u> </u>        |          | <u> </u>     | <u> </u>     | Ш               |
|       | 71   | 1  |          | _        | _            |                 |          | _            | <u> </u>     |                 |
|       | 72   | 1  |          | _        | _            |                 |          | <u> </u>     | _            |                 |
|       | 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81 | ₩  |          | H        |              | _               | _        | <u> </u>     | <u> </u>     |                 |
|       | 75   | H  |          | -        |              | -               |          | -            | -            |                 |
|       | 76   | ╫  |          | -        | ├            | -               |          | $\vdash$     | $\vdash$     |                 |
|       | 77   | -  |          | -        | $\vdash$     |                 |          | ┝            | -            |                 |
|       | 78   | 1  | -        | -        | ┢            |                 |          | -            |              |                 |
|       | 70   | <del>  `</del>                                   |          | $\vdash$ | $\vdash$     | -               | _        | -            |              | -               |
|       | 80   | $\vdash$   |          | $\vdash$ |              | -               |          | ┢            | -            |                 |
|       | 81   | H  |          |          | ┢            | _               |          | _            |              |                 |
|       | 82   | <del>                                     </del> | _        | -        | $\vdash$     |                 |          |              |              |                 |
|       | 82<br>83   | _  |          | ┢        | $\vdash$     |                 |          | _            |              |                 |
|       | 84   | Г  | -        |          |              |                 |          | _            |              | _               |
|       | 84<br>85   | Г  |          |          |              |                 |          | Г            |              |                 |
|       | 86   |  |          |          |              |                 |          |              |              |                 |
|       | 87<br>88   |  |          |          |              |                 |          |              |              |                 |
|       | 88   |  |          |          |              |                 |          |              |              |                 |
|       | 89   |  |          |          |              |                 | L        |              |              |                 |
|       | 90   |  |          | 匚        | <u> </u>     |                 |          |              |              | `               |
|       | 91   | _  |          | Щ.       | _            | _               | L        |              | $oxed{oxed}$ |                 |
|       | 92   | _  | L_       | _        |              | <u> </u>        |          | <u>L</u>     | <u>L</u>     | Щ               |
|       | 93   |  | _        | _        |              | <u> </u>        | _        |              | <u> </u>     | Щ               |
|       | 94   | <u> </u>   | <u> </u> | 1_       | <u> </u>     |                 | <u> </u> | <u> </u>     | <u> </u>     | Ш               |
|       | 95   |  | <u> </u> | ļ        | <u> </u>     | <u> </u>        | <u> </u> | ļ            | <u> </u>     | Щ               |
|       | 96   | ├  | ├        | ├        | <u> </u>     | <del>  _ </del> | <u> </u> | <u> </u>     | <u> </u>     | Ш               |
|       | 97   | <del> </del>                                     |          | <b>!</b> | <del> </del> | -               | <u> </u> | ├-           | <u> </u>     | $\vdash \vdash$ |
|       | 98   | ├  | <u> </u> | $\vdash$ | <u> </u>     | ⊢               | $\vdash$ | <del> </del> | ├            | $\vdash \vdash$ |
|       | 99   |  |          | L_       |              |                 |          |              | L            | Ш               |

|              | aim        |                  |          |                                     | -        | 104-     |          |          |          |          |
|--------------|------------|------------------|----------|-------------------------------------|----------|----------|----------|----------|----------|----------|
| Ui           | aim        | Date             |          |                                     |          |          |          |          |          |          |
| Final        | Original   |                  | ٠        |                                     |          |          |          |          |          |          |
|              | 101<br>102 |                  |          |                                     |          |          |          |          |          |          |
|              | 102        |                  |          |                                     |          |          |          |          |          |          |
|              | 103        | _                |          |                                     |          |          |          |          |          |          |
|              | 104        |                  |          |                                     |          |          |          |          |          |          |
|              | 105        | _                |          |                                     |          |          |          |          |          |          |
|              | 106        | <u> </u>         |          | ш                                   |          |          |          |          |          | Н        |
|              | 107        | <u> </u>         | -        | щ                                   |          | -        | _        | _        |          | Н        |
|              | 108<br>109 | -                |          |                                     |          |          |          | _        |          | $\dashv$ |
|              | 110        | -                |          | -                                   |          |          |          |          |          |          |
| -            | 111        |                  |          | -                                   |          |          |          | -        |          | -        |
|              | 112        |                  |          |                                     |          |          |          |          |          | $\vdash$ |
|              | 112<br>113 | $\vdash$         |          |                                     | -        | $\vdash$ | _        |          |          |          |
|              | 114        | Г                |          |                                     |          |          |          |          |          | Н        |
|              | 115        |                  |          |                                     |          |          |          |          |          |          |
|              | 116        |                  |          |                                     |          |          |          |          |          |          |
|              | 117        |                  |          |                                     |          |          |          |          |          |          |
|              | 118        |                  |          |                                     |          |          |          |          |          |          |
|              | 119        |                  |          |                                     |          |          |          |          |          |          |
|              | 120<br>121 |                  |          |                                     |          |          |          |          |          |          |
|              | 121        |                  | ļ        |                                     |          |          |          |          | _        |          |
|              | 122        | $\vdash$         | <u> </u> | _                                   |          |          |          | _        |          |          |
|              | 123<br>124 |                  | ⊢        | _                                   |          |          |          |          |          |          |
|              | 124        |                  |          |                                     |          |          |          | _        | _        | _        |
|              | 125<br>126 | ├                | ┢        |                                     |          |          | H        | _        |          | $\vdash$ |
|              | 127        |                  | -        |                                     |          |          | _        | $\vdash$ | _        | $\vdash$ |
|              | 128        | $\vdash$         |          |                                     |          |          | -        |          |          |          |
|              | 128<br>129 |                  | $\vdash$ | _                                   |          |          | -        |          |          |          |
|              | 130        |                  |          |                                     |          |          |          |          |          |          |
|              | 131        |                  |          |                                     |          |          |          |          |          |          |
|              | 131<br>132 |                  |          | Ľ                                   |          |          |          |          |          |          |
|              | 133        |                  |          |                                     |          |          |          | 匚        |          |          |
|              | 134        |                  |          | $\Box$                              |          | L.       | <u> </u> | L        | <u> </u> |          |
| L            | 135        | _                |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | _        | <u> </u> | <u> </u> | _        |          |
| <u> </u>     | 136        | <u> </u>         | <u> </u> | $\vdash$                            | _        | H        |          | <u> </u> | <u> </u> | _        |
|              | 137        | <u> </u>         | _        | <u> </u>                            | _        | H        |          | $\vdash$ | _        | <u> </u> |
|              | 138        | -                | $\vdash$ | H                                   | _        | <u> </u> | _        | $\vdash$ | _        | $\vdash$ |
|              | 139<br>140 | -                | ├        | $\vdash$                            | _        | $\vdash$ | $\vdash$ | $\vdash$ | -        | $\vdash$ |
|              | 141        | $\vdash$         | $\vdash$ | -                                   |          | -        | $\vdash$ | $\vdash$ |          | $\vdash$ |
| <del> </del> | 142        | <del>  -  </del> | ├        | -                                   | -        | H        |          | -        | -        | H        |
| <u> </u>     | 143        | +-               | -        | $\vdash$                            | $\vdash$ |          | -        | $\vdash$ | -        | $\vdash$ |
|              | 144        | $\vdash$         |          | -                                   | $\vdash$ | ·        |          | Н        |          |          |
| · · · -      | 145        | F                | <u> </u> |                                     |          | Н        | <u> </u> |          | H        |          |
|              | 146        |                  |          |                                     | Г        | Г        |          | Ι        |          |          |
|              | 147        |                  |          |                                     |          | Г        | Γ        | Г        | Г        | П        |
|              | 148        |                  |          |                                     |          |          |          |          |          |          |
|              | 149        |                  |          |                                     |          |          |          |          |          |          |
|              | 150        |                  |          |                                     |          |          |          |          |          |          |